

Class 3-4

Week:-1

Day:-1

Topic:- Adding fractions with different denominators
 Explanation from P# 00/7.

C.W:- First 2 questions from Ex 1 P#53.

Week:-1

Day:-2

Topic:- Adding fraction with different denominators.
 Follow the same procedure as used in previous day.

C.W:- Next 2 questions from Ex 1, P#53.

H.W:- Remaining 2 questions from Ex 1, P#53.

Week:-1

Day:-3

Topic:- Adding fractions by grouping.

Explain the concept from P#54.

C.W:- First 2 questions from Ex 1, P#54.

Week:-1

Day:-4

Topic:- Adding fraction by grouping.

Explain the concept from P#54.

C.W:- Next 2 questions from P#54.

Week:-1

Day:-5

Topic:- Adding compound fraction.

Explain the concept from p#55.

C.W:- 1st 3 questions from Ex 1, p#55.

H.W:- Next 3 questions from Ex 1, p#55.

Week:-1

Day:-6

Topic:- Adding compound fraction.

Follow the same procedure as used in previous day.

C.W:- Next 3 questions from Ex 1, p#55.

H.W:- Assessment of p# 53, 54, and 55.

W2
D1

Assessment.

Week:-2

Day:-2

Topic:- Adding fraction with different denominators.

Explain the concept from p#56.

C.W:- 1st 2 parts of questions 1 from Ex 1 p#57

H.W:- Next 2 parts of question 1 from Ex 1 p#57.

Week:-2

Day:-3

Follow the same procedure as used in previous day.

C.W:- Next 2 parts of question 1 from Ex 1 p#57

Week:- 2
Day:- 4

Follow the same procedure as used in previous day.

C.W:- First 2 parts of question 2, Ex 1 P # 57.

H.W:- Next 2 parts of question 2, Ex 1 P # 57.

Week:- 2

Day:- 5

Topic:- Subtracting fractions.

Explain the concept from P # 58. (Example 1)

C.W:- First 3 parts of question 1, Ex 1 P # 59.

Week:- 2

Day:- 6

Follow the same procedure as used in previous day

C.W:- Next 3 parts of question 1, Ex 1, P # 59.

H.W:- Remaining 3 parts of question 1, Ex 1 P # 59.

Week:- 3

Day:- 1

Topic:- Subtracting fractions.

Explain the concept from P # 58 (Example # 2)

C.W:- First 5 parts of question 2 from Ex 1 P # 59.

H.W:- Remaining 4 parts of question 2 from Ex 1 P # 59.

Week:- 3

Day:- 2

Topic:- Subtracting compound fractions.

Explain the concept from P # 58 (Example 3).

C.W:- First 2 parts of question 3 from Ex 1 P # 59.

Week:- 3
Day:- 3

Follow the same procedure as used in previous day
C.W:- Next 2 parts of question 3 from Ex 1 p# 59.
H.W:- Remaining 2 parts of question 3 from Ex 1 p# 59.

Week:- 3

Day:- 4

C.W:- Do practise of p# 57 and 59 (in copies)
H.W:- Assessment of p# 57 and 59.

Week:- 3

Day:- 5

Assessment

Week:- 3

Day:- 6

Topic:- Subtracting fractions with different denominators

Explain the concept from p# 60. (Example 1)

C.W:- First 3 parts of question 1 from Ex 1, p# 61.

H.W:- Next 3 parts of question 1 from Ex 1, p# 61.

Week:- 4

Day:- 1

Follow the same procedure as used in previous day.

C.W Remaining 3 parts of question 1 from Ex 1, p# 61.

Week:- 4

Day:- 2

Topic:- Subtracting fractions with different denominators.

Explain the concept from p# 60 (Example 2)

C.W:- First 3 parts of question 2 from Ex 1, p# 61.

H.W:- Next 2 parts of question 2 from Ex 1, p# 61.

Week:- 4

Day:- 3

Follow the same procedure as used in previous day.

C.W:- Next 3 parts of question 2 from Ex 1 p#61.

Week:- 4

Day:- 4

Do the practice of p#61.

Note (complete the questions remaining) in p#61.

H.W:- Assessment of p#61.

Week:- 4

Day:- 5

Assessment.

14

Week:- 4

Day:- 6

Topic:- Multiplying fraction.

Explain the concept from p#62.

C.W:- First 3 questions from Ex 1 p#62.

H.W:- Next 3 questions from Ex 1 p#62.

Week:- 5

Day:- 1

Follow the same procedure as used in previous day.

C.W:- Next 5 questions from Ex 1 p#62.

H.W:- Remaining questions from Ex 1 p#62.

Week:-5

Day:-2

Topic:- Multiplying fractions by fractions.

Explain the concept from p#63.

C.W:- First 3 questions from Ex 1, p#63.

Week:-5

Day:-3

Follow the same procedure as used in previous day.

C.W:- Question # 4, 5, 6 from Ex 1, p#63.

H.W:- Question # 7, 8, 9 from Ex 1, p#63.

Week:-5

Day:-4

Follow the same procedure as used in previous day.

C.W:- Question # 10, 11 and 12 from Ex 1, p#63.

Week:-5

Day:-5

Topic:- Multiplying both sides to get the same answer.
Explain the concept from p#64.

C.W:- Question 1 and 2 from Ex 1, p#64.

H.W:- Question 3 and 4 from Ex 1, p#64.

Week:-5

Day:-6

Follow the same procedure as used in previous day.

C.W:- Question 5 and 6 from Ex 1, p#64.

Week:- 6

Day:- 1

Topic:- Multiplying fractions by grouping.

Explain the concept from p# 65.

C.W:- Question 1, 2 and 3 from Ex 1 p# 65.

H.W:- Question 4 and 5 from Ex 1 p# 65.

Week:- 6

Day:- 2

Topic:- Multiplying compound fractions by compound fractions.

Explain the concept from p# 66.

C.W:- Question 1 and 2 from Ex 1 p# 66.

Week:- 6

Day:- 3

Follow the same procedure as used in previous day.

C.W:- Question 3, 4 and 5 from Ex 1 p# 66.

H.W:- Questions 6, 7 and 8 from Ex 1 p# 66.

Week:- 6

Day:- 4

C.W:- Do the practise of p# 62, 63, 64, 65 and 66.

H.W:- Assessment of p# 62 to 66.

Week:- 6

Day:- 5

Assessment

Week:- 6

Day:- 6

Topic:- Adding decimal fractions.

Explain the concept from p# 67.

C.W:- Question 1, 2, 3, 4, 5 and 6 from Ex 1, p# 67.

H.W:- Question 7, 8, 9, 10, 12 and 12 from Ex 1, p# 67.

Week:- 7

Day:- 1

Follow the same procedure as used in previous day.

C.W:- Question 1, 2, 3, 4, 5 from Ex 1 p#68.

H.W:- Question 6, 7, 8, 9, 10 from Ex 1 p#68

Week:- 7

Day:- 2

Follow the same procedure as used in previous day.

C.W:- Any 5 questions from Ex 2 p#68.

Week:- 7

Day:- 3

Topic:- Subtracting decimal fractions.

Explain the concept from p#69.

C.W:- Question 1, 2, 3, 4 and 5 from Ex 1 p#69.

H.W:- Question 6, 7, 8, 9 and 10 from Ex 1 p#69.

Week:- 7

Day:- 4

Follow the same procedure as used in previous day.

C.W:- Any 5 questions from Ex 2, p#69.

Week:- 7

Day:- 5

Topic:- Changing centimetres into metres.

Explain the concept from p#70 and 71.

C.W:-

Question 1, 2, 3, 4 and 5 from Ex 1 p#71.

H:- Question 6, 7, 8, 9 and 10 from Ex 1 p#71.

Week:- 7

Day:- 6

Topic:- Writing in decimal form.

Explain the concept from p#71 (Example 2)

C.W:- First 5 questions from Ex. 2 p#71.

H.W:- Next 5 questions from Ex. 2 p#71.

Week:- 8

Day:- 1

Topic:- Kilometre and metre.

Explain the concept from P# 0018.
C.W:- Any 2, 2 parts of question 2, 3, 4 from P# 72.

Week:- 8

Day:- 2

Topic:- Addition of km and m.

Explain the concept from P# 74.
C.W:- Question # 1, 2, 3 and 4 from Ex 1 P# 74.
H.W:- Question # 5, 6, 7 and 8 from Ex 1 P# 74.

Week:- 8

Day:- 3

Topic:- Subtraction of km and m.

Explain the concept from P# 75.
C.W:- Question # 1, 2, 3 and 4 from Ex 1 P# 75.
H.W:- Question # 5, 6, 7 and 8 from Ex 1 P# 75.

Week:- 8

Day:- 4

Topic:- Adding and subtracting of km and m.

Explain the concept from P# 76.
C.W:- Any 2 questions from P# 76.

Week:- 8

Day:- 5

C.W:- Do the practice of P# 67, 68, 69, 71, 72, 74, 75, 76

H.W:- Assessment of P# 67 to 76 (in copies)

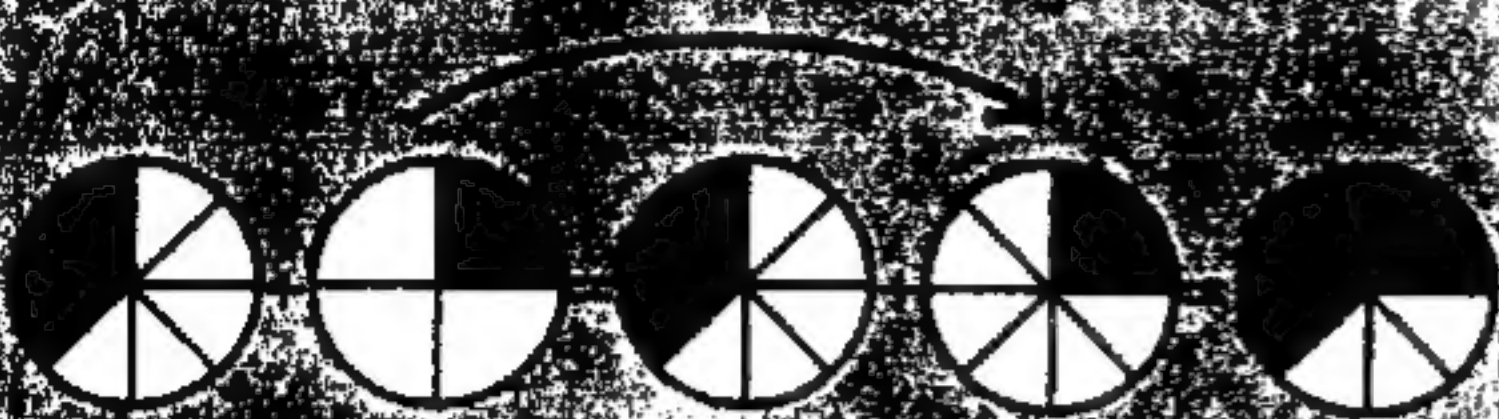
Week:-8

Day:-6

Assessment.

Addition of fractions and mixed numbers

When we add unlike fractions, we must first rewrite them so that they have a common denominator.



$$\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

Here, the common denominator is 8. So we change the $\frac{1}{4}$ into $\frac{2}{8}$, turning our unlike fractions into like fractions. It's now easy to add.

A Add these by rewriting the fractions with a common denominator:

$$\star \frac{2}{3} + \frac{1}{6} = \frac{4}{6} + \frac{1}{6} = \frac{5}{6}$$

$$1. \frac{1}{2} + \frac{1}{8} = *$$

$$5. \frac{2}{9} + \frac{1}{3} = *$$

$$2. \frac{3}{5} + \frac{1}{10} = *$$

$$6. \frac{1}{12} + \frac{3}{4} = *$$

$$3. \frac{5}{8} + \frac{1}{4} = *$$

$$7. \frac{2}{15} + \frac{2}{5} = *$$

$$4. \frac{1}{6} + \frac{1}{2} = *$$

$$8. \frac{7}{10} + \frac{1}{5} = *$$

B Complete these, giving your answer in its lowest terms:

$$\star \frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$1. \frac{2}{5} + \frac{1}{2} = *$$

$$4. \frac{2}{3} + \frac{1}{10} = *$$

$$2. \frac{2}{3} + \frac{1}{8} = *$$

$$5. \frac{3}{5} + \frac{3}{4} = *$$

$$3. \frac{3}{4} + \frac{1}{5} = *$$

C Add these, writing your answers first as improper fractions and then as mixed numbers:

$$\star \frac{1}{3} + \frac{3}{4} = \frac{4}{12} + \frac{9}{12} = \frac{13}{12} = 1\frac{1}{12}$$

$$1. \frac{2}{3} + \frac{3}{4} = *$$

$$4. \frac{7}{9} + \frac{15}{18} = *$$

$$2. \frac{3}{5} + \frac{7}{10} = *$$

$$5. \frac{4}{7} + \frac{11}{14} = *$$

$$3. \frac{5}{8} + \frac{3}{4} = *$$

It's simple to add mixed numbers involving unlike fractions.

$$\star 3\frac{1}{2} + 2\frac{2}{5} = ? \quad 4 = \frac{4}{1} = \frac{4}{5} + \frac{4}{5}$$

We first rewrite the fractions with a common denominator and add:

D Add these mixed numbers:

$$\star 2\frac{1}{6} + 3\frac{2}{3}$$

$$\frac{1}{6} + \frac{4}{6} = \frac{5}{6}$$

$$2 + 3 = 5$$

$$5 + \frac{5}{6} = 5\frac{5}{6}$$

$$1. 2\frac{1}{3} + 1\frac{1}{4} = *$$

$$4. 3\frac{3}{5} + 5\frac{1}{4} = *$$

$$2. 3\frac{1}{5} + 2\frac{1}{4} = *$$

$$5. 6\frac{3}{4} + 4\frac{1}{10} = *$$

$$3. 2\frac{2}{5} + 2\frac{1}{3} = *$$

Length: km and m

Do you remember the meaning of 'kilo'?

'Kilo' means one thousand, 'kilometre' therefore means one thousand metres. Instead of writing 'kilometre', we write **km** for short.

Remember: 1000 m = 1 km, 1 km = 1000 m

A Convert these lengths into km and m:

examples: 2181 m = 2 km 181 m
3015 m = 3 km 15 m
4002 m = 4 km 2 m

1. 3528 m

4. 2023 m

7. 6401 m

2. 4962 m

5. 5084 m

8. 7803 m

3. 8694 m

6. 7029 m

9. 5004 m

B Convert these lengths into m only:

examples: 2 km 362 m = 2362 m
4 km 75 m = 4075 m
1 km 2 m = 1002 m

1. 3 km 591 m

4. 8 km 82 m

7. 3 km 1 m

2. 6 km 848 m

5. 1 km 99 m

8. 6 km 9 m

3. 9 km 630 m

6. 5 km 47 m

9. 9 km 11 m

C Write $>$ $<$ or $=$:

246 m ☐ 2 km 946 m

3 km 840 m ☐ 3448 m

700 m ☐ 7 km

1 km 16 m ☐ 1160 m

1070 m ☐ 1 km 70 m

2 km 4 m ☐ 240 m